

Table 18. Employed doctoral scientists and engineers in universities and 4-year colleges, by broad field of doctorate, race/ethnicity, and faculty rank: 1999

Field of doctorate and race/ethnicity	Total	Full professor	Associate professor	Assistant professor	Instructor/lecturer	All other faculty ¹	Does not apply
All fields.....	240,080	84,920	54,220	45,090	6,970	6,000	42,870
White ^c	(82.6)	(87.9)	(83.7)	(78.7)	(76.6)	(84.5)	(75.5)
Black.....	(3.0)	(1.9)	(3.9)	(4.3)	(2.6)	(3.4)	(2.8)
Asian/Pacific Islander.....	(10.9)	(7.6)	(8.7)	(13.1)	(15.2)	(9.5)	(17.6)
Hispanic.....	(3.1)	(2.2)	(3.3)	(3.5)	(5.1)	(2.5)	(3.9)
American Indian/Alaskan Native.....	(0.4)	(0.4)	(0.4)	(0.4)	S	S	(0.3)
Sciences.....	213,840	73,920	48,150	40,680	6,410	5,150	39,520
White ^c	(83.4)	(89.3)	(84.8)	(79.2)	(77.2)	(82.7)	(75.9)
Black.....	(3.0)	(1.9)	(3.8)	(4.3)	(2.7)	(3.9)	(2.8)
Asian/Pacific Islander.....	(10.1)	(6.1)	(7.7)	(12.5)	(14.5)	(10.3)	(17.4)
Hispanic.....	(3.1)	(2.2)	(3.3)	(3.6)	(5.0)	(2.9)	(3.6)
American Indian/Alaskan Native.....	(0.4)	(0.5)	(0.4)	(0.4)	S	S	(0.3)
Computer and information sciences.....	3,650	690	1,410	1,150	90	S	270
White ^c	(72.1)	(81.2)	(71.2)	(65.7)	(96.7)	S	(68.9)
Black.....	(2.3)	S	S	S	S	S	S
Asian/Pacific Islander.....	(23.5)	(16.1)	(22.6)	(29.8)	S	S	(31.1)
Hispanic.....	(1.8)	S	S	S	S	S	S
American Indian/Alaskan Native.....	S	S	S	S	S	S	S
Mathematical sciences.....	14,820	6,680	4,310	2,450	350	260	770
White ^c	(81.4)	(86.2)	(75.8)	(78.8)	(68.2)	(83.8)	(84.5)
Black.....	(2.0)	(1.8)	(2.1)	(3.5)	S	S	S
Asian/Pacific Islander.....	(13.1)	(9.0)	(18.0)	(14.0)	(29.0)	S	(10.2)
Hispanic.....	(3.4)	(3.0)	(4.1)	(3.6)	S	S	S
American Indian/Alaskan Native.....	S	S	S	S	S	S	S
Biological and agricultural sciences.....	71,100	21,480	14,280	12,790	2,600	1,270	18,670
White ^c	(81.7)	(90.9)	(86.6)	(80.2)	(71.3)	(85.7)	(69.4)
Black.....	(2.2)	(1.3)	(2.9)	(2.0)	S	S	(3.1)
Asian/Pacific Islander.....	(13.0)	(5.9)	(7.7)	(13.9)	(22.0)	(11.8)	(23.3)
Hispanic.....	(2.9)	(1.7)	(2.8)	(3.5)	(4.9)	S	(3.8)
American Indian/Alaskan Native.....	(0.2)	S	S	S	S	S	(0.4)
Health sciences.....	10,760	2,500	3,240	3,270	230	140	1,380
White ^c	(84.2)	(86.9)	(88.6)	(79.0)	(71.5)	(80.3)	(83.6)
Black.....	(5.6)	(3.2)	(6.1)	(8.3)	S	S	S
Asian/Pacific Islander.....	(6.7)	(6.4)	(3.1)	(8.6)	S	S	(9.0)
Hispanic.....	(2.8)	(3.3)	S	(2.8)	S	S	S
American Indian/Alaskan Native.....	(0.8)	S	S	S	S	S	S
Physical and related sciences.....	37,570	14,080	6,590	5,870	890	880	9,280
White ^c	(83.4)	(88.4)	(86.9)	(78.7)	(81.6)	(77.8)	(77.0)
Black.....	(1.6)	(0.9)	(1.6)	(3.5)	S	S	(1.0)
Asian/Pacific Islander.....	(12.0)	(7.7)	(6.6)	(15.4)	(12.2)	(15.3)	(19.7)
Hispanic.....	(2.6)	(2.3)	(4.1)	(2.4)	S	S	(2.1)
American Indian/Alaskan Native.....	(0.5)	(0.8)	S	S	S	S	S
Social sciences.....	46,870	18,920	12,170	9,080	1,280	1,520	3,900
White ^c	(84.1)	(87.3)	(84.6)	(76.0)	(82.1)	(79.8)	(88.8)
Black.....	(4.2)	(3.5)	(4.4)	(5.9)	(4.3)	(6.6)	(2.6)
Asian/Pacific Islander.....	(7.7)	(6.1)	(6.5)	(13.6)	(5.3)	(9.4)	(5.2)
Hispanic.....	(3.4)	(2.6)	(3.9)	(4.0)	(6.3)	(4.2)	(3.1)
American Indian/Alaskan Native.....	(0.6)	(0.6)	(0.6)	S	S	S	S

See explanatory information and SOURCE at end of table.

**Table 18. Employed doctoral scientists and engineers in universities and 4-year colleges,
by broad field of doctorate, race/ethnicity, and faculty rank: 1999**

Field of doctorate and race/ethnicity	Total	Full professor	Associate professor	Assistant professor	Instructor/lecturer	All other faculty ¹	Does not apply
Psychology	29,070	9,580	6,160	6,070	960	1,040	5,260
White ²	(88.3)	(94.4)	(85.9)	(85.3)	(85.1)	(86.7)	(84.4)
Black.....	(4.5)	(1.5)	(7.6)	(6.0)	S	S	(5.3)
Asian/Pacific Islander.....	(2.7)	(1.2)	(3.0)	(3.1)	S	(5.0)	(3.9)
Hispanic.....	(4.0)	(2.1)	(3.4)	(5.1)	(7.6)	(4.9)	(6.2)
American Indian/Alaskan Native.....	(0.4)	(0.7)	S	S	S	S	S
Engineering	26,240	11,000	6,060	4,410	560	850	3,350
White ²	(76.4)	(78.7)	(75.7)	(73.5)	(70.2)	(95.2)	(70.4)
Black.....	(2.6)	(1.5)	(4.4)	(3.8)	S	S	(2.5)
Asian/Pacific Islander.....	(17.7)	(17.7)	(16.6)	(19.4)	(23.2)	S	(19.9)
Hispanic.....	(3.0)	(1.8)	(3.1)	(3.0)	S	S	(6.9)
American Indian/Alaskan Native.....	(0.3)	S	S	S	S	S	S

¹All other faculty¹ includes adjunct or other faculty.

²"Other" race included with 'white'.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

NOTES: The race/ethnicity data shown are for all doctoral recipients, including temporary residents. Percentage distribution is shown in parentheses. Numbers are rounded to nearest ten. Details may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 1999 Survey of Doctorate Recipients